

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Patent Application of
William O'Malley et al.

Group Art Unit:

Serial No.:

Examiner:

Filed: Herewith

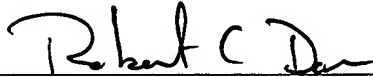
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Robert C. Dorr, Reg. No. 27,782

July 3, 2003

Date of Deposit

INFORMATION DISCLOSURE STATEMENT

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Applicants are aware of the art listed on the attached PTO/SB/08A forms 1-3 and PTO/SB/08B form 4. Copies of the art on forms 1 and 3 are not being enclosed pursuant to 37 CFR 1.98(d) as they were provided in the parent application (S.N. 09/532,602) identified in the enclosed Preliminary Amendment. A copy of form 1 initialed by the Examiner in the parent application is also enclosed along with a copy of the PTO-892 form in the parent (which patents are listed on form 3). Copies of the art of forms 2 and 4 are enclosed. If the

Examiner would like additional prior art copies of form 1 provided, he is requested to call the attorney listed below.

Respectfully submitted,

DORR, CARSON, SLOAN & BIRNEY, P.C.

Date: 7/3/03

By: Robert C. Dorr

Robert C. Dorr
Reg. No. 27,782
3010 East 6th Avenue
Denver, Colorado 80206
(303) 333-3010

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP
(Rev. 5/92) 225 Franklin Street, Boston, MA 02110
Telephone: (617) 426-9180

ATTORNEY DOCKET NO. 4620

SERIAL NO. 09/532,602

O'Malley et al.
APPLICANT

2742
GROUP

March 22, 2000
FILING DATE

Unknown
EXAMINER

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ch	AA	5,495,522	Feb. 27, 1996	Allen et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AI						
	AJ						
	AK						
	AL						
	AM						

Sheet 1 of 1

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
Ch	AN	LIU J-M ET AL: "A Digital Multipoint Telecommunication Conferencer VLSI" PROCEEDINGS OF THE CUSTOM INTEGRATED CIRCUITS CONFERENCE, US, NEW YORK, IEEE, vol. CONF. 7, May 1985 (1985-05), pages 88-91.
	AO	
EXAMINER	DATE CONSIDERED 4/03	

EXAMINER:

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

Sheet 2 of 4**Complete if Known**

Application Number	
Filing Date	Herewith
First Named Inventor	William O'Malley
Art Unit	
Examiner Name	
Attorney Docket Number	7257/116(a)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,109,111	08-22-1978	Cook	
		US- 4,416,007	11-15-1983	Huizinga et al.	
		US- 4,485,469	11-27-1984	Witmore	
		US- 4,541,087	09-10-1985	Comstock	
		US- 4,797,876	01-10-1989	Ratcliff	
		US- 5,841,763	11-24-1998	Leondires et al.	
		US- 5,029,162	07-02-1991	Epps	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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SignatureDate
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3
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4

Complete if Known

Application Number

Filing Date

Herewith

First Named Inventor

William O'Malley

Art Unit

Examiner Name _____

Attorney Docket Number

7257/116(a)

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Signature

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	
		Filing Date	Herewith
		First Named Inventor	William O'Malley
		Art Unit	
		Examiner Name	
Sheet 4	of 4	Attorney Docket Number	7257/116(a)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ROBERT SHADDOCK, DPSs or microprocessors - which device to use?, Computer Design, August 1998, pgs. 54-61	

Examiner Signature		Date Considered	
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Notice of References Cited			Application No. 532602		Applicant(s) O'Malley et al	
			Examiner Smith, C.H.		Group Art Unit 2645	
Page 1 of 1						
U.S. PATENT DOCUMENTS						
*	DOCUMENT NO.	DATE	NAME		CLASS	SUBCLASS
A	3622708	11/1971	Guenther et al		379	202.01
B	3692947	9/1972	Lewis		370	266
C	5210794	5/1993	Brunjard		379	204
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FOREIGN PATENT DOCUMENTS						
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*	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
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* A copy of this reference is not being furnished with this Office action.
(See Manual of Patent Examining Procedure, Section 707.05(a).)